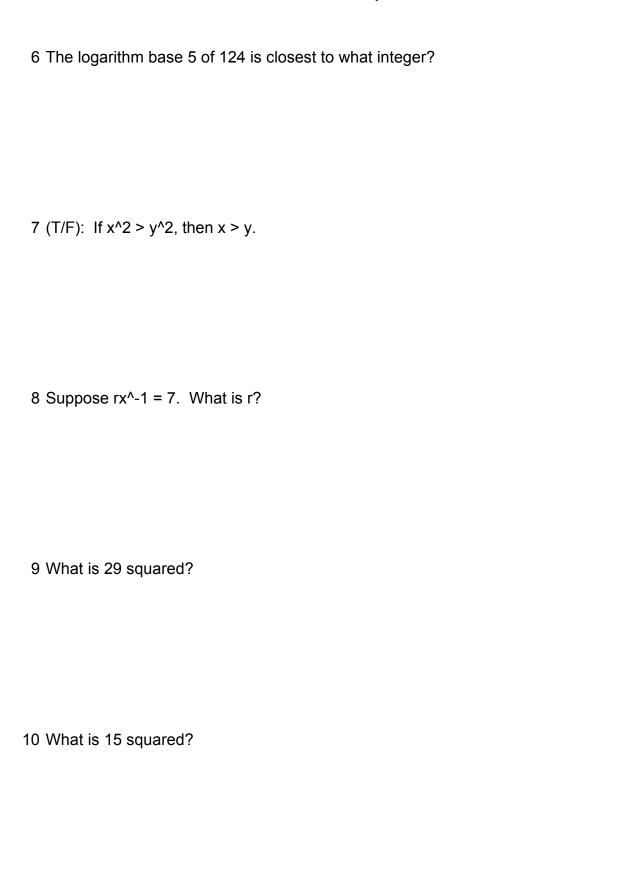
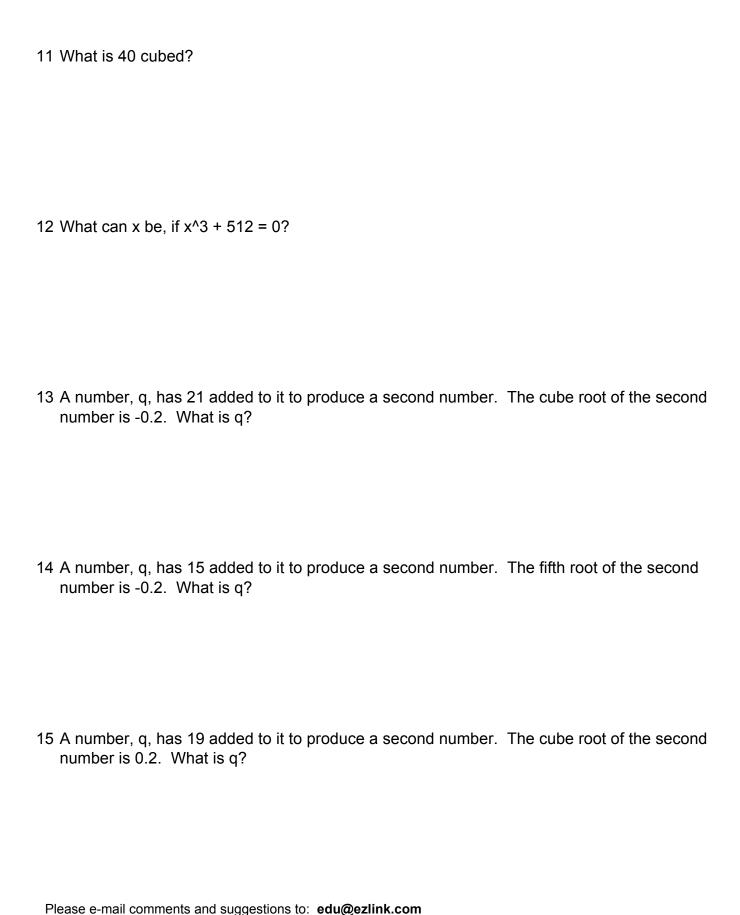
1	A number, t, has 14 subtracted from it to produce a second number. second number is 0.3. What is t?	The cube root of the
2	A number, w, has 12 subtracted from it to produce a second number second number is 0.3. What is w?	The fifth root of the
3	What is the square root of 144?	
4	What is the cube root of 1,000?	
5	What is the cube root of 21,952?	

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1	ANSWER: 14.027. EXPLANATION: The second number is 0.3 cubed, or 0.027. This is 14 less than t, so we add to get the answer.
2	ANSWER: 12.00243. EXPLANATION: The second number is 0.3 to the fifth power, or 0.00243. This is 12 less than w, so we add to get the answer.
3	ANSWER: 4
4	ANSWER: 729
5	ANSWER: 9261

6		B. EXPLANATION: ear as close to 124.	Note that 5^3 = 125, and	I no other integer power o	of 5 is
7	ANSWER: F	False. EXPLANATIO	DN: It is possible that x is	s negative and y is positiv	/e.
	by x^1, the tv			means 1/(x^1). If we mul tiply by 7 to equal the nur	
9	ANSWER: 8	341			
10	ANSWER: 2	225			

11	NSWER: 64,000
	NSWER: -8. EXPLANATION: The number whose cube is 512 is 8. Because x^3 must e negative, x must also be negative.
	NSWER: -21.008. EXPLANATION: The second number is -0.2 cubed, or -0.008. This 21 greater than q, so we subtract to get the answer.
	NSWER: -15.00032. EXPLANATION: The second number is -0.2 to the fifth power, or -0.0032. This is 15 greater than q, so we subtract to get the answer.
15	NSWER: -18.992. EXPLANATION: The second number is 0.2 cubed, or 0.008. This is 9 greater than q, so we subtract to get the answer.

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